



PROJECT NUMBER

323666

BORING ID:

17C078

Sheet 1 of 1

# SOIL BORING LOG

PROJECT: Beale AFB-Site 17 PRB, Phase 1 Drilling

LOCATION: Near Marsh

ELEVATION: 154.90

NORTHING: 2162396.31

EASTING: 6743996.79

DRILLING CONTRACTOR: Resonant Sonic International, Woodland, CA

DRILLING METHOD AND EQUIPMENT USED: Truck Mounted Direct Push

WATER LEVELS: 6.7 ft bgs

START: 6/24/2005 1:50:00 PM

END:

LOGGER: B. Moayyad

DEPTH BGS (ft)				STANDARD PENETRATION TEST RESULTS	CORE DESCRIPTION:	COMMENTS:
	INTERVAL (ft)				SOIL NAME (USCS GROUP SYMBOL), COLOR, MOISTURE CONTENT, RELATIVE DENSITY, OR CONSISTENCY, SOIL STRUCTURE, MINERALOGY.	DEPTH OF CASING, DRILLING RATE, DRILLING FLUID LOSS, TESTS, AND INSTRUMENTATION.
	RECOVERY	TYPE-#	6-6-6 (in) (N)			
			SS=Split Spoon ST=Shelby Tube			
0	0-4	3.0/ 4.0'			ML - SANDY SILT (ML), reddish brown, slightly moist, soft,  - non-plastic, ~25% sand	PID = 0.0 (soil and breathing zone)
1					-	
2					-	
3					ML - -	Silt grades to sand
4	4-6	2.7/ 4.0'			SM - SILTY SAND (SM), light reddish brown, dry, friable with  - roots, ~30% silt, ~70 fines, fine to very fine sand	PID = 0.0
5					-	
6	6-12.5				SW - WELL GRADED SAND WITH GRAVEL (SW), gray, saturated, medium - density, subrounded, ~62% sand, 35% fine to medium gravel, - ~3% fines, becomes reddish brown and silty at 11-12 ft.	PID = 0.0
7					-	
8	8-8	2.4/ 4.0'			-	
9					-	
10					-	
11					-	
12	12-12 12.5-14.5	2.5/ 4.0'			-  GW - WELL GRADED GRAVEL WITH SAND (GW), gray, saturated, loose	14:15 Collect 17C078HP10 at 12 ft
13					-	
14					-	
15	14.5-16				GM - SILTY GRAVEL (GM), light reddish brown, wet, medium - density, ~40% gravel, 30% sand, 30% fines -	
16	16-18	2.5/ 4.0'			SM - SILTY SAND (SM), light reddish brown, medium density, ~5%  - gravel, 60% sand, 35% fines	
17					-	
18	18-19				SP - POORLY GRADED SAND (SP), wet, fine -	
19	19-20				SM - SILTY SAND (SM), light reddish brown, medium density, ~5% - gravel, 60% sand, 35% fines	14:51 Collect 17C078HP20 at 19 ft. Standing water = 14.2 ft bgs
20					SM - EOB at 20 ft bgs -	
21					-	